IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE STATEMENT

PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 AND 1.98

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

The listed references were cited by, or submitted to, the Office in the parent, copending application of the above-identified application. The above-identified application is a divisional application of co-pending application Serial No. 09/966,158, filed September 28, 2001. Such prior disclosure is sufficient for the above-identified application as far as copies of the references are concerned. 37 C.F.R. § 1.98(d) and MPEP § 609(2).

Citation of these references is respectfully requested.

Respectfully submitted,

Dated: 10/31/83

Robert C. Hvta

Reg. No. 46,791

E 979978461

Form PTO-1449 LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY: DOCKET NO. PC3-05"

PRIORITY SERIAL NO. 09/966.158

APPLICANT Yuichi likubo, et al.

PRIORITY FILING DATE 9.28/2001

PRIORITY GROUP 1621

U.S. PATENT DOCUMENTS

*Examiner Initial		Docu Num	iment ber	Date	Name	Class	Subclass	Filing If Appr	Date Opriate
	AA	2,494	1.064	01/50	Simons, et al.				
	AB	2.005	i.706	06/35	H.W. Daudt, et al.				
	AC	2.005	5,707	06/35	H.W. Daudt, et al.				
	AD	2.576	,823	11/51	A.F. Benning, et al.				
	AE	2.697	.124	12/54	R.M. Mantell, et al.				
	AF	2,900	.423	08/59	L.B. Smith, et al.				
	AG	2,942	.036	06,60	L.B. Smith. et al.				
	АН	3.258	.500	06/66	F.W. Swamer, et al.				
	Al	3.436	.430	04/69	L.E. Hall.e t al.			-	
	ΑJ	3.636.	.173	01/72	L.E. Gurdner				
	AK	3.803.	.241	04/74	l. Stolkin. et al.				
	AL	4.158.	.023	06/79	von Halasz				
	АМ	5.043.	.491	08/91	Webster, et al.	V			
	AN	5.057.	.634	10/91	Webster, et al.			•	
	AO	5,068.	.472	11/91	Webster, et al.				
	AP	5,068.	.473	11/91	Keliner, et al.				
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	AQ	1.162.	.511	05/91	CA				
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	AT	0 434	407 A1	06/91	EP				
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	AV		Herbert O. House,	Catalytic Hydrogo	nation and Dehydrogenation," Modern Synthesic Reactions	. 2 ^{sd} ed Th	e Benjamin/Cu	ımmings Publi	shings
			Company (Menlo Park. CA), p. ½						

AV	Herbert O. House, "Catalytic Hydrogenation and Dehydrogenation," Modern Synthetic Reactions, 2 nd ed., The Benjamin/Cummings Publishings
	Company (Menlo Park, CA), p. 1/2.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 4 ATTY. DOCKET NO. U.S. DEPARTMENT OF COMMERCE PRIORITY SERIAL NO. Form PTO-1449 PATENT AND TRADEMARK OFFICE PC3-057 09/966.158 LIST OF ART CITED BY APPLICANT APPLICANT (Use several sheets if necessary) Yuichi likubo, et al. PRIORITY FILING DATE 9/28/2001 PRIORITY GROUP U.S. PATENT DOCUMENTS Date Class Subclass Filing Date Document Name *Examiner Initial Number If Appropriate 5.146.018 09.92 Kellner, et al. 12 92 5.171.901 Gassen, et al. AB 01.93 AC 5.177.273 Bruhnke, et al. 5.220.083 06,93 Webster, et al. ΑE 5.268,343 12.93 Hopp, et al. 11,94 Manogue, et al. AF 5.364.992 AG 5.430.204 07,95 Manogue, et al. AΗ 5.446.219 08:95 Manogue, et al. 5.621.151 04:97 Manogue 04,97 ΑJ 5.621.152 Jansen, et al. 03.98 ΑK 5,723,699 Miller, et al. AL 5,902,911 05.99 Rao, et al. 5.919.994 07.99 AM AN 6.018.083 01,00 Manogue, et al. 17:00 ΑO 6.156.944 Pham, et al. 04,01 ΑP 6.211.135 Miller, et al. FOREIGN PATENT DOCUMENTS Class Subclass Translation Date Country Document Number Yes No AQ 0 539 989 A1 05,93 E(AR 91:05752 05/91 wo 96/17813 06,96 wo AS wo ΑT 98/50327 11/98 ΑU 99/26907 06/99 wo OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) Dmitrii D. Moldavskii. "Technology for the Preparation of Perfluoro-Organic Compounds," Journal of Fluorine Chemistry. Elsevier Science ΑV S.A. (Netherlands), Vol. 94 (No. 2), p. 157-167, (February 5, 1999).

EXAMINER DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AH	1.359.023	07:74	UK							
	Al	1,578.933	11/80	UK							
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			OTHER REFERE	NCES (including Author, Title, Date	, Pertinent Pages. Etc.)						
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		Isomer Analyses	by 19F NMR Spe	ctroscopy," Journal of Fluorine Che.	mistry, Elsevier Sequoia	ı (Netherland	ls). p. 155-17	5. (February 5.	. 1989).		
	AL	F.J. Mettille, et	il., "Methods for th	ne Introductions of Hydrogen Into F	ductions of Hydrogen Into Fluorinated Compounds," Fluorine Chemistry Reviews, 1" ed., Vol. 1						
		(No. 2), p. 3	15-358. (February	5. 1967).		·					
	АМ	Dr. Mark D. Cis	neros, et al., "An i	Integrated Approach to Achieve Low	Environmental Impact	in the Specie	al Hazards F	ire Suppression			
		Industry," Great	Lakes Chemical C	Corporation (West Lafayette, India	na), p. 1-8.						
	AN	Viacheslav A. Po	trov. et al., "Isome	rization of Halopolyfluoroalkanes by	the Action of Alumina	um Chlorofluc	oride," Journa	al of Fluorine			
		Chemistry. El	sevier Science S.A	. (Netherlands), p. 125-130. (Febru	ary 5. 1998).				,		
	АО	B.P. Aggarwal, e	al "Chlorinution	of Propane and Propylene and Pyr	olysis of Perchloropropu	ne," Petroleur	n & Hydroca	erbons, Vol. 3 (No.		
		2). p. 69-72.	(July 5. 1968).								
	AP	Albert L. Henne	et al., "Fluorinate	d Derivatives of Propane and Propy	lene," p. 496-497. (Ma	rch 5, 1946).					
											
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	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										

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	AL		Milos Hudlicky, "C	hemistry of Orga	nic Fluorine C	Compounds, A Laborat	ory Manual with Co.	mprehensive Lit	erature Covera	ge. 2 nd ed., El	is
		-	Horwood (New	York), p. 170-1	79. (February	8, 1992).					
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

PRIORITY SERIAL NO. 09/966,158 ATTY. DOCKET NO. PC3-057

LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)

APPLICANT Yuichi likubo, et al. PRIORITY FILING DATE

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MAY-03-2004 09:14 WELLS ST JOHN PS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FILING DATE October 31, 2003
INVENTORSHIP Vuichi Ilkubo, et al. ASSIGNEE PCBU Services, Inc.
GROUP ART UNIT 1621 Hydrogenation Processes

Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that the following papers are being facsimile transmitted to the Patent and Trademark Office at (703) 872-9306 on the date shown below:

- PTO Return Postcard Receipt
- Transmittal Form (PTO/SB/21)
- Supplemental Information Disclosure Statement with Form PTO-1449

Cited References (5)

Dated: 5/3/2004

*4*509) 624-4276 Telephone No. (509) 838-3424

NUMBER OF PAGES IN FACSIMILE: 30

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

 APPLICATION SERIAL NO
 10/698,923

 FILING DATE
 October 31, 2003

 INVENTORSHIP
 Yuichi likubo, et al.

 ASSIGNEE
 PCBU Services, Inc.

 GROUP ART UNIT
 1621

 EXAMINER
 Unknown

 ATTORNEY'S DOCKET NO
 PC3-057

 TITLE:
 Hydrogenation Processes

Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

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- 2. Transmittal Form (PTO/SB/21)
- 3. Supplemental Information Disclosure Statement with Form PTO-1449

4. Cited References (5)

Dated: <u>5/3/2004</u>

By:

Natalie King

Telephone No.

(509) 624-4276

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(509) 838-3424

NUMBER OF PAGES IN FACSIMILE: 30

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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ື PILING DATE	October 31, 2003
INVENTORSHIP	Yuichi likubo, et al.
ASSIGNEE	PCBU Services, Inc.
GROUP ART UNIT	
EXAMINER	Unknown
ATTORNEY'S DOCKET NO	PC3-057
TITLE:	Hydrogenation Processes

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References - See Attached Form PTO-1449

The Examiner's attention is directed to the references which are listed on the attached Form PTO-1449, copies of which are attached. No admission is made regarding whether all the submitted references are prior art.

Citation of the referenced art is respectfully requested.

This Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action. Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Information Disclosure Statement, please charge the fee specified under 37 C.F.R. § 1.17(p) to Deposit Account No. 23-0925.

Respectfully submitted,

Dated:

By:

Robert C. Hyta Reg. No. 46,791

PTO-1449 9 7007 JAN 1 8

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. PC3-057

SERIAL NO. 10/698,923

LIST OF ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT Yuichi Iikubo, et al. FILING DATE 10/31/2003

GROUP 1621

U.S. PATENT DOCUMENTS

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Date Received:

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Received Cover Page

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

 Patent Application Serial No.
 .10/698,923

 Filing Date
 .October 31, 2003

 Inventor
 .Yuichi likubo et al.

 Assignee
 .PCBU Services, Inc.

 Group Art Unit.
 .1621

 Examiner
 .Unknown

 Customer No.
 .021567

 Attorney Docket No.
 .PC3-057

 Tille: Hydrogenation Processes

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR § 1.8

I hereby certify that the following papers are being facsimile transmitted to the Patent and Trademark Office at (703) 872-9306 on the date shown below:

- 1. Certificate of Facsimile Transmission
- 2. Transmittal Form (PTO/SB/21)
- 3. Supplemental information Disclosure Statement
- 4. Form PTO-1449
- 5. Copy of PCT cited reference

Deled: October 21 2004

Muriel G. Dunnigan

COPY

Telephone No. (509) 624-4276 Facsimile No. (509) 838-3424

NUMBER OF PAGES IN FACSIMILE: 31

FEE DEFICIENCY

Although it is believed that no fees are due, the Commissioner is hereby authorized to charge any fees under 37 C.F.R. 1.16 and 1.17 which may be required by this paper to Deposit Account No. 23-0925.

Dated: 6/21/04

Ву

Robert G. Hyta; Reg. No. 46,791 Telephone No. (509) 824-4278

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PAGE 1/31 "RCVD AT 1021/2004 1-32:41 PH [Exsem Dayligh Time] " SVR USPTO EFXRF-114" ONUS-8721006" CSID:5091383421 " DURATION (mm-ss)x8850

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Patent Application Serial No	10/698,923
Filing Date	October 31, 2003
Inventor	Yuichi likubo et al.
Assignee	
Group Art Unit	
Examiner	
Customer No	021567
Attorney Docket No	
Title: Hydrogenation Processes	

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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Dated: October 21, 2004

By:

Murice D. Durnigan

Muriel G. Dunnigan

Telephone No. (509) 624-4276 Facsimile No. (509) 838-3424

NUMBER OF PAGES IN FACSIMILE: 31

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Dated: 16/21/64-

By:

Robert C. Hyta; Reg. No. 46,791

Telephone No. (509) 624-4276

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplication Serial NoFiling Date	10/609 022
Elia - Data	10/090,923
Inventor	Yuichi likubo et al.
Assignee	PCBU Services, Inc.
Group Art Unit	
Examiner	
Customer No	021567
Attorney's Docket No	PC3-057
Title: Hydrogenation Processes	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Reference - See Attached Form PTO-1449

To:

Commissioner for Patents

By Facsimile 1 (703) 872-9306

P.O. Box 1450

Alexandria, VA 22313-1450

From:

Robert C. Hyta (Tel. 509-624-4276; Fax 509-838-3424)

Wells St. John P.S.

601 W. First Avenue, Suite 1300

Spokane, WA 99201-3828

Dear Sir:

The Examiner's attention is directed to the reference which is listed on the attached Form PTO-1449 and a copy of which are attached.

Citation of the referenced art is respectfully requested.

This Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action. Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Supplemental Information Disclosure Statement, please charge the fee specified under 37 C.F.R. § 1.17 (p) to Deposit Account No. 23-0925.

Respectfully submitted,

Dated: 10/2/04

By:

Reg. No. 46,791

U.S. DEPARTMENT OF COMMERCE PATENT AND 'TRADEMARK OFFICE Form PTO-1449 LIST OF ART CITED BY APPLICANT (Use several sheets if necessary) U.S. PATENT DOCUMENTS

SERIAL NO. 10/698,923 ATTY. DOCKET PC3-057 APPLICANT Yuichi likubo et al. GROUP 1621 FILING DATE October 31, 2003

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this form with next communication to applicant.

IN THE WATED STATES PATENT AND TRADEMARK OFFICE

Application Serial No	10/698,923
Filing Date	October 31, 2003
	Yuichi likubo, et al.
	PCBU Services, Inc.
Examiner	Karl J. Puttlitz
Attorney's Docket No	PC3-057
	Hydrogenation Processes

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The attached Form PTO-1449 is submitted in compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98. Pursuant to Federal Register Vol. 69, No. 182, pg. 56542 (September 21, 2004) no copies on any cited U.S. patents or U.S. published application are included herewith. No admission is made regarding whether all the submitted references are prior art.

The listed article and foreign references not included herewith were cited by, or submitted to, the Office in the parent, co-pending application of the above-identified application. The above-identified application is a divisional application of co-pending application Serial No. 09/966,158 filed September 28, 2001. Such prior disclosure is sufficient for the above-identified application as far as copies of the references are concerned. 37 C.F.R. § 1.98(d) and MPEP § 609(2).

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180.00 OP

Citation of these references is respectfully requested.

A check in the amount of \$180.00 is enclosed to cover the fee specified under 37 C.F.R. § 1.17(p).

Respectfully submitted,

____ By:

Robert & Hyta

Reg. No. 46,791

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. PC3-057

SERIAL NO. 10/698,923

LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)

APPLICANT Yuichi likubo et al.

> GROUP 1621

FILING DATE October 31, 2003

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Name Class Su		Subclass Filing Date If Appropria	
	АА	5,302,765	04/1994	Manzer, et al.				
	АВ	6,207,865	03/2001	Breitscheidel, et al.				
	AC							
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	AJ	WO 02/078788 A2 & A3	10/02	PCT				
	AK	WO 02/078790 A2 & A3	10/02	PCT				
	AL	PCT/US2004/011563	04/04	PCT IPRP/Written Opinion				
	АМ	PCT/US2004/011563	04/04	PCT Search Report				
		OTHER REFERENCE	S (including	Author, Title, Date, Pertir	nent Pages	s, Etc.)		•
	AN	Derwent Publication	ons, Ltd., Ab	stract, SU/715092, Febru	ıary 18, 19	80, 1 page		
EXAMINER		DATE CONSIDER						· · · · · ·

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.